



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/576,031

04/13/2006

Franck Roland

6003.1049

2192

23280 7590 04/04/2008  
Davidson, Davidson & Kappel, LLC  
485 7th Avenue  
14th Floor  
New York, NY 10018

EXAMINER

CULLER, JILL E

ART UNIT

PAPER NUMBER

2854

MAIL DATE

DELIVERY MODE

04/04/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/576,031	<b>Applicant(s)</b> ROLAND, FRANCK	
	<b>Examiner</b> Jill E. Culler	<b>Art Unit</b> 2854	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 13 April 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 11-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>20060413</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 11-13, 15-16 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by GB 2314292 to Edogaa et al.

With respect to claim 11, Edogaa et al. teaches an inking roller, 1, for an inking unit of an offset printing press comprising: a plurality of zones, 5, arranged in a direction of an axis of rotation; and at least one ink reservoir, 8, in an interior of the inking roller, the at least one ink reservoir in each of the plurality of zones is connected to at least one ink exit, 6, in a circumferential surface of the inking roller; the inking roller having at least one pumping element, 7, assigned to each zone in the interior of the inking roller; the pumping element for conveying ink from the ink reservoir to the circumferential surface. See page 5, lines 1-15 and Figs. 1-2.

With respect to claim 12, Edogaa et al. teaches the pumping element is an electrical pump or a pneumatic pump. See page 5, lines 8-15.

With respect to claim 13, Edogaa et al. teaches the ink exit is an opening or a porous piece of material. See page 5, lines 1-6.

With respect to claim 15, Edogaa et al. teaches an ink duct, 20, with a rotary seal, wherein the ink duct substantially extends along the axis of rotation of the inking

roller into the interior of the inking roller to the at least one ink reservoir. See page 6, lines 1-2 and Fig. 2.

With respect to claim 16, Edogaa et al. teaches the pumping element is powered by a rotary electrical connection. See page 5, lines 8-15.

With respect to claim 18, Edogaa et al. teaches that each pumping element is controllable independently of the other pumping elements. See page 5, lines 17-26.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 14 and 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Edogaa et al. in view of U.S. Patent No. 3,738,269 to Wagner.

Edogaa et al. teaches all that is claimed, as in the above rejection of claims 11-13, 15-16 and 18, except that the ink exit includes a perforated plug.

Wagner teaches an inking roller, 20, having an ink exit that includes a perforated material, 24. See column 2, lines 6-16.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the apparatus of Edogaa et al. to have the perforated plug, as taught by Wagner, in order to more evenly distribute the ink on the surface of the roller.

Edogaa et al. teaches all that is claimed, as in the above rejection of claims 11-13, 15-16 and 18, except that the inking roller is used in an inking unit for an offset printing press.

Wagner teaches an offset printing press having an inking unit with an inking roller. See column 1, line 63 - column 2, line 5 and Fig.1.

It would have been obvious to one having ordinary skill in the art at the time of the invention to use the inking roller of Edogaa et al. in an offset printing press, such as that taught by Wagner, in order to provide ink to the printing press in an efficient manner.

5. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Edogaa et al. in view of U.S. Patent No. 5,036,761 to Wingo.

Edogaa et al. teaches all that is claimed, as in the above rejection of claims 11-13, 15-16 and 18, except that the at least one ink exit includes a number of ink exits present in one zone, the ink exits being located in a circumferential direction either in one angular section of a circumference in an accumulative way or distributed in a substantially even manner.

Wingo teaches an inking roller having a number of ink exits present in one zone, the ink exits being located in a circumferential direction either in one angular section of a circumference in an accumulative way or distributed in a substantially even manner. See column 4, line 58 - column 5, line 24 and Fig. 5.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the apparatus of Edogaa et al. to include the plurality of exits, as taught by Wingo, in order to more evenly distribute the ink on the surface of the roller.

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jill E. Culler whose telephone number is (571) 272-2159. The examiner can normally be reached on M-F 10:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2854

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jec

/Jill E. Culler/

Primary Examiner, Art Unit 2854